

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**  
(Page 1)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled HIV PEPTIDES, ANTIGENS, VACCINE COMPOSITIONS, IMMUNOASSAY KIT AND A METHOD OF DETECTING ANTIBODIES INDUCED BY HIV

the specification of which  is attached hereto  was filed on March 2, 2000 PCT International Application No. PCT/N000/00075 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b), of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designates at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed:

<u>Country</u>	<u>Application No.</u>	<u>Filed (Day/Mo./Yr.)</u>	<u>(Yes/No)</u> <u>Priority Claimed</u>
Norway	19991078	04 March 1999	Yes

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Application No.</u>	<u>Filed (Day/Mo./Yr.)</u>	<u>Status</u> <u>(Patented, Pending, Abandoned)</u>
------------------------	----------------------------	--

I hereby appoint the practitioners associated with the firm and Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to the address associated with that Customer Number:

**FITZPATRICK, CELLA, HARPER & SCINTO**  
Customer Number: 05514

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor Birger SØRENSEN

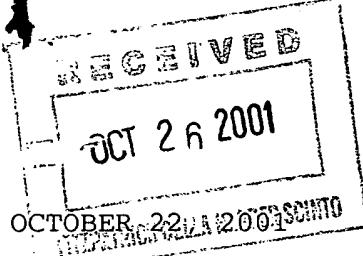
Inventor's signature Birger Sørensen

Date 24 OCT. 2000 Citizen/Subject of Norway

Residence Meierlia 3, N-3727 Skien, Norway

Post Office Address P.O. Box 449 Sentrum, N-0104 Oslo, Norway

NMD\wjw



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*101819498A\*

2833.4001  
JWB

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/17/2001

REEL/FRAME: 012082/0369

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BIONOR A/S

DOC DATE: 05/10/2001

ASSIGNEE:

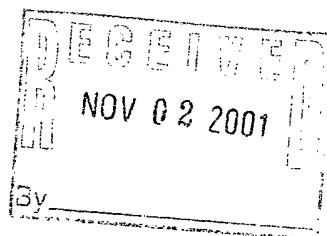
BIONOR IMMUNO AS  
POSTBOKS 1893 GULSER  
3703 SKIEN, NORWAY

SERIAL NUMBER: 09674674

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

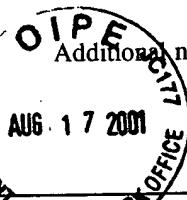


SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

08-22-2001

To the Director, U.S. Patent a

1. Name of conveying party(ies):  
BIONOR A/S



Additional name(s) of conveying party(ies) attached?

Yes       No

18/17/01

## 3. Type of conveyance:

- Assignment (Second)       Merger  
 Security Agreement       Change of Name  
 Other \_\_\_\_\_

Execution Date: May 10, 2001

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application Number: 09/674,674

Filing Date: November 3, 2000

B. Title of Invention: "HIV Peptides, Antigens, Vaccine Compositions, Immunoassay Kit and a Method of Detecting Antibodies induced by HIV"

Additional numbers attached?

 Yes       No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Fitzpatrick, Cella, Harper &amp; Scinto

30 Rockefeller Plaza

New York, New York 10112-3801

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

## 6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): . . . \$ 40.00

 Enclosed Authorized to be charged to deposit account

## 8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

08/21/2001 GT0N11 00000266 09674674

01 FC:581

40.00 OP

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

John W. Behringer - Reg. No. 23,086

Name of Person Signing

Signature

August 17, 2001

Date

Total number of pages including cover sheet, attachments, and documents:

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  U.S. Patent  
By:  Inventor(s) or  Present Owner

Assignment Recorded on \_\_\_\_\_

Reel: \_\_\_\_\_  
Frame: \_\_\_\_\_

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR:

Bionor AS  
Strømdalsjordet 4  
Postboks 1868 Gulset  
3705 Skien

hereby sells, assigns and transfers to ASSIGNEE:

Bionor Immuno AS  
Postboks 1893 Gulset  
3703 Skien

and the successors, assigns and legal representatives of the ASSIGNEE

- the entire right, title and interest in the United States of America  
 an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States and its territorial possessions  
 and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled  
and which is found in:

- U.S. Patent Application executed on even date herewith; or  
 U.S. Patent Application executed on \_\_\_\_\_; or  
 U.S. Application serial no. 09/674,674 filed on \_\_\_\_\_ (may be filled in when known); or  
 U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_  
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately; or  
 and any legal equivalent thereof in a foreign country, including the right to claim priority;

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand this

Date: 10-5-2001

Date: 10-5-2001

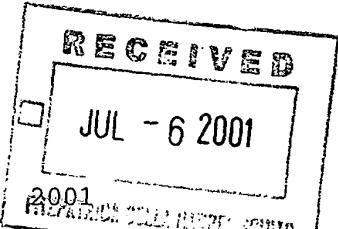
Date: 10-5-2001

Date: 10-5-2001

If ASSIGNOR is a legal entity complete the following information

Name of person authorized to sign on behalf of ASSIGNOR

Title: MANAGING-DIRECTOR  
BIONOR AS



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JUNE 22

2001

FITZPATRICK, CELLA, HARPER & SCINTO  
JOHN W. BEHRINGER  
30 ROCKEFELLER PLAZA  
NEW YORK, NEW YORK 10112-3801

PTAS

JWB



\*101717082A\*

28334001

CORRECTED  
NOTICE

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/05/2001

REEL/FRAME: 011508/0348  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SORENSEN, BIRGER

DOC DATE: 10/24/2000

ASSIGNEE:

BIONOR A/S  
STROMDALSJORDET 4  
N-3705 SKIEN, NORWAY

SERIAL NUMBER: 09674674

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

PCT NUMBER: NO0000075

JACQUELINE MOORE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

JUL 12 2001

Form-PTO-1595

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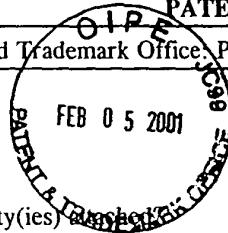
ITAL OF DOCUMENT

PATENTS

To the Director, U.S. Patent and Trademark Office. Please

1. Name of conveying party(ies):  
Birger SØRENSEN

Additional name(s) of conveying party(ies)

 Yes  No

FEB 05 2001

25-01

3. Nature of conveyance:

 Assignment  
 Security Agreement  
 Other \_\_\_\_\_
 
 Merger  
 Change of Name
 

Execution Date: October 24, 2000

06-11-2001

ocket: 2833.400100

2. Name and address of party(ies):  
Name: BIONOR A/S

Foreign Address: Strømdalsjordet 4, N-3705 Skien, Norway

Domestic Address: \_\_\_\_\_  
\_\_\_\_\_

City: \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application Number: Unassigned  
(Intl. Appln. No. PCT/NO00/00075)

Filing Date: November 3, 2000

B. Title of Invention:

HIV PEPTIDES, ANTIGENS, VACCINE  
COMPOSITIONS, IMMUNOASSAY KIT AND A  
METHOD OF DETECTING ANTIBODIES INDUCED BY  
HIV

Additional numbers attached?

 Yes  No5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: Fitzpatrick, Cella, Harper &amp; Scinto

30 Rockefeller Plaza

New York, New York 10112-3801

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): . . . \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

John W. Behringer - Reg. No. 23,086

Name of Person Signing

Signature

February 5, 2001

Date

Total number of pages including cover sheet, attachments, and documents: 2

JWB\NMD\JIP

02/14/2001 GT0N11 00000294 PCTND0000075

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40.00 0P

DC\_MAIN 41081 v 1



2833.400100

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
BIRGER SÖRENSEN ) : Examiner: Unassigned  
Int'l. Appln. No.: PCT/N000/00075 ) : Group Art Unit: Unassigned  
Int'l. Publn. No.: WO 00/52040 ) :  
U.S. Appln. No.: 09/674,674 ) :  
Nat'l. Entry Date: November 3, 2000 ) :  
For: HIV PEPTIDES, ANTIGENS, ) June 11, 2001  
VACCINE COMPOSITIONS, )  
IMMUNOASSAY KIT AND A )  
METHOD OF DETECTING )  
ANTIBODIES INDUCED BY HIV )

Commissioner for Patents  
**Attn.: Assignment Division**  
Washington, D.C. 20231

REQUEST FOR CORRECTION OF  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

Sir:

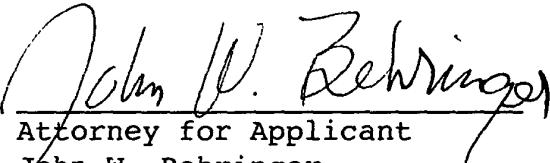
Applicant has received a Notice of Recordation of Assignment Document (dated April 26, 2001) in the above-identified application, in which the name of the assignee and the PCT number have been listed incorrectly. The name of the assignee should be --BIONOR A/S--, not "BIONAR A/S" as listed on the Notice; and the PCT number should be --PCT/N000/00075--, not "N00000075" as listed on the Notice. Both the assignee name and

the PCT number were listed correctly on the Assignment Transmittal (Form PTO-1595). Accordingly, Applicant requests a corrected Notice of Recordation of Assignment Document properly identifying the assignee and the PCT number pertaining to the Assignment. A marked-up copy of the Notice of Recordation of Assignment showing the corrections to be made is enclosed.

Applicant believes that no fees should be incurred in connection with filing this paper. Nevertheless, the Commissioner is authorized to charge Deposit Account No. 06-1205 should any fees be associated herewith.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address listed below.

Respectfully submitted,

  
\_\_\_\_\_  
Attorney for Applicant  
John W. Behringer  
Registration No. 23,086

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200  
NMD/lip

**SOLE**

(BEFORE APPLICATION FILED)

**ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES**

(Page 1)

FOR GOOD AND SUFFICIENT VALUE RECEIVED, I, BIRGER SØRENSEN,

citizen of Norway,

residing respectively at Meierlia 3, N-3727 Skien, Norway

hereby sell, assign, transfer and convey unto BIONOR A/S

a corporation of Norway,

having a place of business at Strømdalsjordet 4, N-3705 Skien, Norway

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to

HIV PEPTIDES, ANTIGENS, VACCINE COMPOSITIONS, IMMUNOASSAY KIT AND A METHOD OF DETECTING ANTIBODIES INDUCED BY HIV

and described in International Patent Application No. PCT\NO00\00075, which designates the United States, and all applications for Letters Patent of the United States filed therefrom, as well as all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof; and I hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND I authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

AND I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

Witness:

Name: GUNNAR FLÅTEN  
Address: BALKANE 45  
N-3728 SKIEN

Assignor:

Birger Sørensen L.S.  
BIRGER SØRENSEN

Date: 24 OCT. 2000